

Converting Colors

Hex(1F68DB)

Have a look what the booklet for
Hex(1F68DB) contains.

Hex(1F68DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1F68DB)

Conversions

Conversions Part 1

Format	Color
Hex	1F68DB
RGB	31, 104, 219
RGB Percent	12%, 41%, 86%
CMY	0.8784, 0.5922, 0.1412
CMYK	0.86, 0.53, 0.00, 0.14
HSL	217°, 75%, 49%
HSV	217°, 86%, 86%
XYZ	18.3016, 15.3064, 69.0077
YIQ	95.2830, -80.4230, 20.2890

Conversions

Conversions Part 2

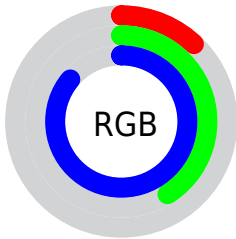
Format	Color
R _Y B	31, 84, 219
Decimal	2058459
CIE Lab	46.05, 21.27, -64.81
CIE LCh	46, 68.209, 288.165
Yxy	15.3064, 0.1784, 0.1492
Android (android.graphics.Color)	4280248539 (0xFF1F68DB)
YUV	95.2830, 60.9925, -56.3762
Hunter-Lab	39.1234, 15.0347, -77.1921

Details

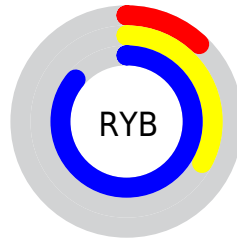
The Hex color **1F68DB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DB921F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6F9AFF**, and **003AA3** is the 20% darker color. If you saturate the color by 10%, you get **095BDB**, and if you desaturate by 10%, it is **3575DB**.

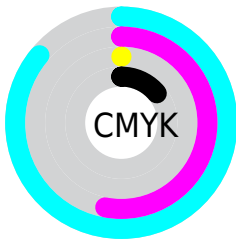
Distribution



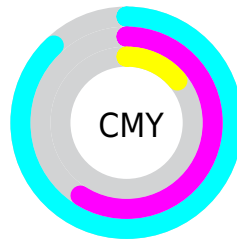
- Red (12%)
- Green (41%)
- Blue (86%)



- Red (12%)
- Yellow (33%)
- Blue (86%)



- Cyan (86%)
- Magenta (53%)
- Yellow (0%)
- Black (14%)



- Cyan (88%)
- Magenta (59%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F68DB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1F68DB by changing the saturation by 10% instead.

 1F68DB

 1F68DB

FFFFFF

 0050BF

 6F9AFF

 003AA3

 8FB5FF

 002688

 AED0FF

 00146E

 CDEDFF

 000855

 ECFFFF

 00063D

 000226

 00010F

 000000

■ 1F68DB

■ 1F68DB

■ 095BDB

■ 3575DB

■ 0055DB

■ 4B83DB

■ 6190DB

■ 779EDB

■ 8DABDB

■ A2B8DB

■ B8C6DB

■ CED3DB

■ E4E1DB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



007BDE



1F68DB



994BBA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F68DB



BD4714



008454

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1F68DB



DB921F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007F13



1F68DB



976200

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1F68DB



CF274D



647500



00868F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1F68DB



BB3399



647500



008340

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1F68DB



BDD6FF



1FDB90



586780



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1F68DB



0063FF



321FDB



63676E



0043AD



00122E

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DB1F68



FF0063



C8DB1F



6E6367



AD0043



2E0012

Previews

White Background



This preview shows how the Hex color 1F68DB looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1F68DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

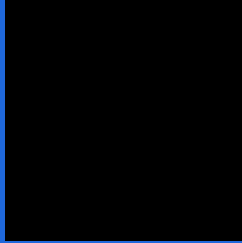
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

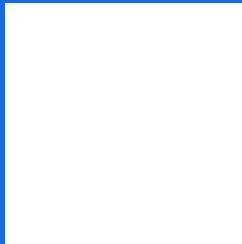
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1F68DB Background



This preview shows how black text looks on a background with the Hex color 1F68DB.



This preview shows how white text looks on a background with the Hex color 1F68DB.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
007880

Trichromacy



Original Color
1F68DB

Protanomaly
1B68DB

Deuteranomaly
0B6CCA

Tritanomaly
0B72A1

Monochromacy



Original Color
1F68DB

Achromatopsia
5F5F5F

Achromatomaly
48628C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F68DB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1F68DB looks like.

```
.text, #text, p{  
    color:#1F68DB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1F68DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F68DB
}
```

Border

The CSS property to change the border of an element to Hex 1F68DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F68DB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1F68DB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1F68DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F68DB; -webkit-box-shadow:4px 4px  
4px 4px #1F68DB; box-shadow:4px 4px 4px  
4px #1F68DB }
```

Background

The CSS property to change the background color of an element to Hex 1F68DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F68DB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1F68DB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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